

Form PTO-1390  
(Rev. 10-2003)

U.S. Department of Commerce Patent and Trademark Office

ATTORNEY'S DOCKET NO.

22557-3014

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

US APPLICATION NO.

**10/575765**

INTERNATIONAL APPLICATION NO.  
PCT/GB2004/003791

INTERNATIONAL FILING DATE  
6 September 2004

PRIORITY DATE CLAIMED  
4 September 2003

**TITLE OF THE INVENTION**

SYSTEM AND METHOD FOR CREATING, MANAGING AND EXECUTING A MULTI-ELEMENT PROCESS FOR GENERATING A COMPLEX ENTITY

**APPLICANT(S) FOR DO/EO/US**

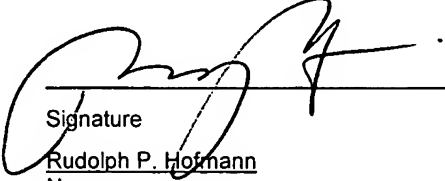
BARCLAY, Duncan, Hugh  
WEIBEL, Joan

Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is the **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto (required only if not transmitted by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: 1) Petition to Revive, 2) Affidavit of Duncan Hugh Barclay and Joan Weibel, and 3) Affidavit of David Keltie Associates

U.S. APPLICATION NO. <b>10/575765</b>		INTERNATIONAL APPLICATION NO. PCT/GB2004/003791		ATTORNEY'S DOCKET NUMBER 22557-3014	
21. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS (PTO USE ONLY)	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1)-(5): .....				\$300.00	
International preliminary examination fee .....				\$200.00	
International search fee .....				\$500.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 1,000	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				\$ 130	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	51 - 20 =	31	X \$50.00	\$ 1550	
Independent claims	2 - 3 =	0	X \$200.00	\$ -0-	
Multiple Dependent Claim(s) (If applicable)			X \$360.00	\$ -0-	
TOTAL OF ABOVE CALCULATIONS =				\$ 2680	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 1340	
SUBTOTAL =				\$ 1340	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ -0-	
TOTAL NATIONAL FEE =				\$ 1340	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ -0-	
TOTAL FEES ENCLOSED =				\$1340	
				Amount to be: refunded \$	
				charged \$ 1340	
<p>a. <input type="checkbox"/> A check in the amount of \$            to cover the above fees is enclosed</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>50-1901</b> in the amount of <u>\$1340</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-1901</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public: <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Rudolph P. Hofmann Oppenheimer Wolff &amp; Donnelly 45 South Seventh Street, Suite 3300 Minneapolis, MN 55402-1609</p> <div style="text-align: center;">         Signature  <u>Rudolph P. Hofmann</u>        Name     </div> <div style="text-align: center;"> <u>38,187</u>        Registration Number     </div>					

10/575765

IAP15 Rec'd PCT/PTO 12 APR 2006

## UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : BARCLAY, Duncan, Hugh

Filed : Herewith

Title : SYSTEM AND METHOD FOR  
CREATING, MANAGING AND  
EXECUTING A MULTI-ELEMENT  
PROCESS FOR GENERATING A  
COMPLEX ENTITY

Docket No : 22557-3014

## CERTIFICATE OF EXPRESS MAIL

EXPRESS MAIL Mailing Label Number: EV 255166699 US  
Date of Deposit: April 12, 2006

I hereby certify that these papers and fee(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Paper(s) Enclosed:

- ☒ Certificate of Express Mail
- ☒ Postcard
- ☒ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371
- ☒ Fee Transmittal
- ☒ Application Data Sheet
- ☒ Preliminary Amendment
- ☒ Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.377(b)
- ☒ Affidavit of Duncan Hugh Barclay and Joan Weibel
- ☒ Affidavit of David Keltie Associates

By: Janet Byrne  
Janet Byrne, Legal Administrative Assistant to  
Rudolph P. Hofmann  
OPPENHEIMER WOLFF & DONNELLY LLP  
45 South Seventh Street, Suite 3300  
Minneapolis, Minnesota 55402  
Telephone: (612) 607-7000

<b>FEE TRANSMITTAL</b>		<i>Complete if Known</i>	
<b>for FY 2005</b>		Application Number	N/A
<i>Patent fees are subject to annual revision.</i>		Filing Date	Herewith
<input checked="" type="checkbox"/> Applicant Claims Small Entity		First Named Inventor	Duncan Hugh Barclay
		Examiner Name	N/A
		Group Art Unit	N/A
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>\$2,090.00</b>	Attorney Docket No.:	22557-3014

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																													
1. <input checked="" type="checkbox"/> Authorized to charge indicated fees or credit  Deposit Acct No. <b>50-1901</b> Name: <b>Oppenheimer Wolff &amp; Donnelly LLP</b>  <input checked="" type="checkbox"/> Charge Any Add'l Fee Required Under 37 CFR 1.16 and 1.17		<b>4. ADDITIONAL FEES</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>\$65.00</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>Filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>120</td> <td>2251</td> <td>60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>450</td> <td>2252</td> <td>225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>1020</td> <td>2253</td> <td>510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,590</td> <td>2254</td> <td>795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,160</td> <td>2255</td> <td>1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>500</td> <td>2401</td> <td>250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>500</td> <td>2402</td> <td>250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>1,000</td> <td>2403</td> <td>500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>500</td> <td>2452</td> <td>250</td> <td>Petition to revive - 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2. <u>      </u> Payment Enclosed: Check <u>      </u> Credit <u>      </u>  <b>FEE CALCULATION</b> <b>1. BASIC FILING FEE</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee</th> <th>Small Fee</th> <th>Fee description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1000*</td> <td>500*</td> <td>Utility filing fee</td> <td>\$500.00</td> </tr> <tr> <td>430*</td> <td>215*</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>660*</td> <td>330*</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1400*</td> <td>700*</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>200</td> <td>100</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>\$500.00</b></td> </tr> </tbody> </table> <b>2. EXTRA CLAIM FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Extra Claims</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Claims 51 - 20 = 31</td> <td>50/25</td> <td>\$775.00</td> </tr> <tr> <td>Ind. 2 - 3 = 0</td> <td>200/100</td> <td></td> </tr> <tr> <td>Claims Multiple Dependent</td> <td>360/180</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>\$775.00</b></td> </tr> </tbody> </table> <b>3. Application Size Fee (Utility)</b> If the specification and drawings exceed 100 shts of paper, the application fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s) <b>SUBTOTAL (3)</b> <b>\$0.00</b>		Large Fee	Small Fee	Fee description	Fee Paid	1000*	500*	Utility filing fee	\$500.00	430*	215*	Design filing fee		660*	330*	Plant filing fee		1400*	700*	Reissue filing fee		200	100	Provisional filing fee		<b>SUBTOTAL (1)</b>			<b>\$500.00</b>	Extra Claims	Fee	Fee Paid	Claims 51 - 20 = 31	50/25	\$775.00	Ind. 2 - 3 = 0	200/100		Claims Multiple Dependent	360/180		<b>SUBTOTAL (2)</b>		<b>\$775.00</b>																																																																																																																																																			
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<b>SUBMITTED BY</b>		<i>Complete (if applicable)</i>	
Name	Rudolph P. Hofmann	Registration No.:	38,187
Signature		Telephone:	612-607-7340
		Date:	4/12/06

\*Includes: Filing fee + Examination fee + Search fee

\*\* Total Sheets -100 = Extra Sheets /50 = (No. of ea. Additional 50 or fraction thereof) x Fee